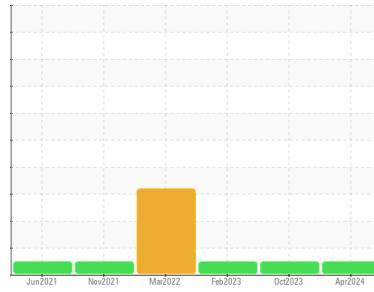




COOLANT REPORT

Area
COLORADO/443/EG - SCRAPER
 Machine Id
76.50L [COLORADO^443^EG - SCRAPER]
 Component
Front Coolant
 Fluid
CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The fluid is suitable for further service.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

Carboxylate test failed. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0883908	WC0823225	WC0766169
Sample Date	Client Info		03 Apr 2024	17 Oct 2023	27 Feb 2023
Machine Age	hrs	Client Info	1180	19425	957
Oil Age	hrs	Client Info	1180	19425	19425
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.067	1.068	1.068
pH	Scale 0-14 ASTM D1287		8.16	8.07	8.12
Nitrites	ppm AP-053:2009		788	788	600
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		49.9	50.1	50.1
Freezing Point	°F ASTM D3321		-33	-35	-35
Total Dissolved Solids			337.5	327.5	352.0
Carboxylate			fail	pass	pass

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	0	2	23	21
Phosphorus	ppm ASTM D6130	0	0	19	0
Boron	ppm ASTM D6130	0	0	8	4
Molybdenum	ppm ASTM D6130	950	673	634	1087

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	0	<1	<1
Aluminum	ppm ASTM D6130	>10	1	<1	<1
Copper	ppm ASTM D6130	>10	<1	2	1
Lead	ppm ASTM D6130	>10	<1	1	<1
Tin	ppm ASTM D6130	>10	<1	1	1
Zinc	ppm ASTM D6130		0	1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		6	7	34

CARRIER SALTS

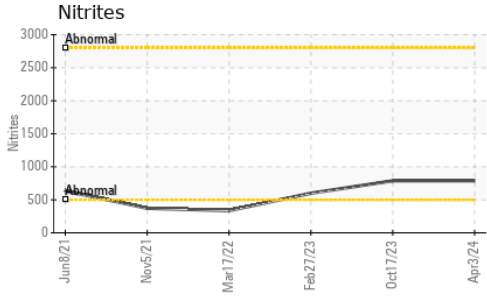
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		4010	3590	5114
Potassium	ppm ASTM D6130		30	78	71

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		2	4	4
Magnesium	ppm ASTM D6130		1	2	1

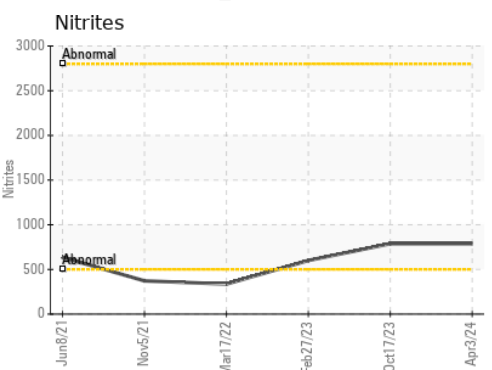
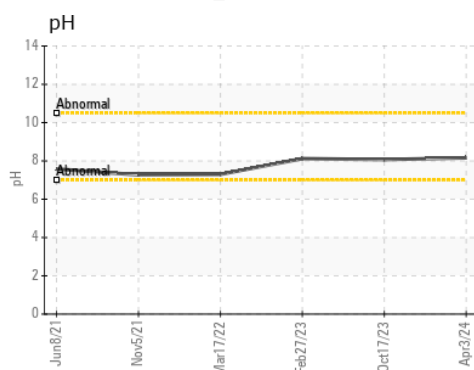
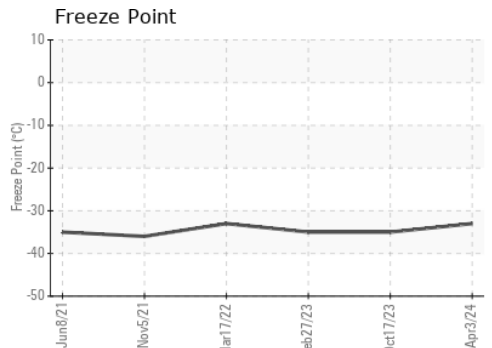
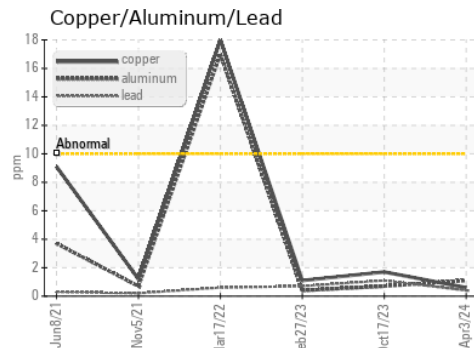
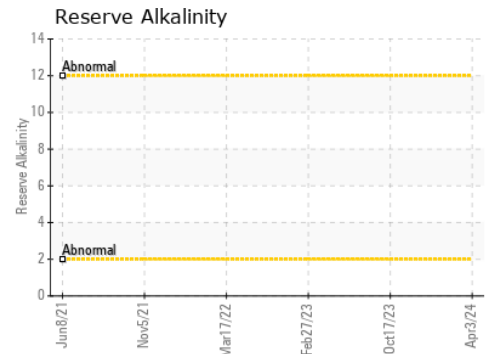
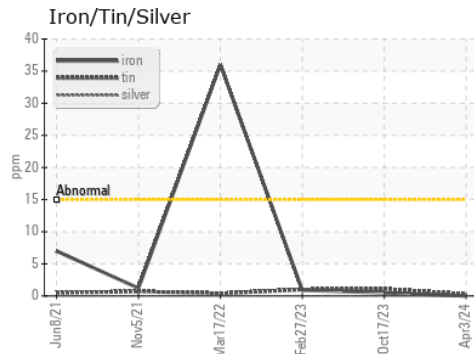


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	Red	Red
Coolant Appearance	*Visual	Clear	normal	normal	normal
Color					
Bottom					

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0883908 **Received** : 08 Apr 2024
Lab Number : 06142683 **Tested** : 11 Apr 2024
Unique Number : 10967491 **Diagnosed** : 11 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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